[]

(Day/Month/Year Filed)

(Number)

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| patent is sought on the invention entitled: | | | |
|--|--|------------------------------|----------------------|
| SEED LAYER REPAIR | | | |
| the specification of which | | | |
| (check one) | | | |
| filed Nover | ds to and claims priority of U.S nber 2, 2000. | | |
| Application | n No | as United States Application | n No. or PCT |
| and was ar | nended on(if applic | able) | |
| | eviewed and understand the co ended by any amendment refe | | ed specification, |
| I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. | | | |
| I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed. | | | |
| Prior Foreign Application(s) | 1 | | Priority Not Claimed |
| (Number) | (Country) | (Day/Month/Year Filed) | _ [] |
| (Number) | (Country) | (Day/Month/Year Filed) | _ [] |

(Country)

| 60/245,308 | | vember 2000 |
|--|--|--|
| (Application Serial No.) | (Filing | g Date) |
| (Application Serial No.) | (Filing | g Date) |
| (Application Serial No.) | (Filing | g Date) |
| I hereby claim the benefit under 35 U.S. 365(c) of any PCT International applications subject matter of each of the claims of the International application in the manner packnowledge the duty to disclose to the | tion designating the United Stat this application is not disclosed provided by the first paragraph o | es, listed below and, insofar as the in the prior United States or PCT |
| to me to be material to patentability as obstween the filing date of the prior appliapplication: | defined in Title 37, C.F.C., Secti | emark office all information known on 1.56 which became available |
| to me to be material to patentability as obetween the filing date of the prior appli | defined in Title 37, C.F.C., Secti | emark office all information known ion 1.56 which became available International filing date of this (Status) |
| to me to be material to patentability as of between the filing date of the prior appliapplication: | defined in Title 37, C.F.C., Sectication and the national or PCT | emark office all information known ion 1.56 which became available International filing date of this |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Same As Above

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

| connected therewith. | iist riarrie ariu re | gistration numbe | er) | |
|--|--|---|--|--|
| David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen John B. Alexander | Reg. No. 27,02 Reg. No. 26,96 Reg. No. 31,00 Reg. No. 33,86 Reg. No. 38,22 Reg. No. 35,48 Reg. No. 42,69 Reg. No. 48,39 | 54 03 56 50 27 37 | Christine C. O'Day Robert L. Buchanan David E. Tucker Lisa Swiszcz Hazzard George W. Hartnell Kathleen Carr Stewart L. Gitler Kathryn A. Piffat | Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901 |
| | John J | thew Cairns . Piskorskı P. Frickey | Reg. No. 42,378 Reg. No. 35,647 Reg. No. 34,603 | |
| Send Correspondence | to [.] | Dike, Bronstei P.O. Box 9169 | S & ANGELL, LLP n, Roberts & Cushman, IF | ⁹ Group |
| Direct Telephone Calls (name and telephone no | umber) | S. Matthew Ca Telephone: Facsimile: | tirns (508) 229-7545 (508) 229-0254 | |
| Full name of sole or first in | nventor | | | |
| Denis MORRISSEY Sole or first inventor's sign | nature | | | Date: |
| | | | | |
| Residence | | | | |
| 36 Trainer Court, Huntin | ngton, New York | 11743, U.S.A. | | |
| Citizenship | | | | |
| U.S.A. | | | | |
| Post Office Address | | | | |
| Same As Above | | | | |
| Full name of second inver | ntor | | | |
| Jeffrey M. CALVERT | | | | |
| Second inventor's signatur | | | | Date: (0 (18 /0) |
| Residence | 7 | | | [011010] |
| 445 Main Street, Acton, | Massachusetts / | 11720 II S A | | |
| Citizenship | Massachusetts (| J1120, U.S.A. | | |
| U.S.A. | | | | |
| Post Office Address | | | | |

| Full name of third inventor | |
|--|----------------|
| Robert D. MIKKOLA | |
| Third inventor's signature Rebut Double | Date: 10/18/01 |
| Reput Diffichia | 10/18/10/ |
| Residence | |
| 4 Whitney Street, Grafton, Massachusetts 01536, U.S.A. | |
| Citizenship | |
| U.S.A. | |
| Post Office Address | |
| Same As Above | |

P. 35

The state of the s THE REAL PROPERTY AND THE PARTY AND THE PART

Docket No. 50959 Page 1 of 4

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

| patent is soug | ht on the invention entitled: | |
|-------------------|---|--|
| SEED LAYER | REPAIR | |
| the specification | on of which | |
| (check one) | | |
| [X] | corresponds to and claims prior filed November 2, 2000, | ity of U.S. Provisional Application Serial No. 60/245,308, |
| [] | was filed onApplication No | as United States Application No. or PCT |
| | and was amended on | |
| | | (if applicable) |
| I hereby state | that I have reviewed and understa | and the contents of the above identified specification, |

including the claims, as amended by any amendment referred to above.

Lacknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application(s) | | Pri | ority Not Claimed |
|------------------------------|-----------|------------------------|-------------------|
| (Number) | (Country) | (Day/Month/Year Filed) | [] |
| (Number) | (Country) | (Day/Month/Year Filed) | [] |
| (Number) | (Country) | (Day/Month/Year Filed) | [] |

Page 2 of 4

| I hereby claim the benefit under 35 U.S listed below: | C Section 119(e) of any United | States provisional application(s) |
|--|--|--|
| 60/245,308 (Application Serial No.) | | ember 2000 Date) |
| (Application Serial No.) | (Filing | Date) |
| (Application Serial No.) | (Filing | Date) |
| I hereby claim the benefit under 35 U.S. 365(c) of any PCT International application subject matter of each of the claims of the International application in the manner pracknowledge the duty to disclose to the to me to be material to patentability as disclose the filing date of the prior application: | ion designating the United State his application is not disclosed in provided by the first paragraph o United States Patent and Trade defined in Title 37, C.F.C., Section | es, listed below and, insofar as the in the prior United States or PCT of 35 U S.C. Section 112, I emark office all information known on 1.56 which became available |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
| (Application Serial No) | (Filing Date) | (Status) (patented, pending, abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Page 3 of 4

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

| David G Conlin | Reg. No. 27,026 | Christine C. O'Day | Reg No. 38,256 |
|-----------------------|-----------------|----------------------|-----------------|
| George W. Neuner | Reg No. 26,964 | Robert L. Buchanan | Reg No 40,927 |
| Linda M. Buckley | Reg No 31,003 | David E, Tucker | Reg No. 27,840 |
| Peter J. Manus | Reg. No. 26,766 | Lisa Swiszcz Hazzard | Reg. No. 44,368 |
| Peter F. Corless | Reg No. 33,860 | George W. Hartnell | Reg. No. 42,639 |
| Cara Z. Lowen | Reg. No. 38,227 | Kathleen Carr | Reg. No. 41,658 |
| William J. Daley, Jr. | Reg. No. 35,487 | Stewart L. Gitler | Reg. No 31,256 |
| Steven M. Jensen | Reg. No. 42,693 | Kathryn A. Piffat | Reg No. 34,901 |
| John B. Alexander | Reg. No. 48,399 | · | _ |

S. Matthew Cairns Reg. No. 42,378 John J. Piskorski Reg. No. 35,647 Darryl P. Frickey Reg. No. 34,603

Send Correspondence to:

S Matthew Cairns

c/o EDWARDS & ANGELL, LLP

Dike, Bronstein, Roberts & Cushman, IP Group

PO Box 9169

Boston, Massachusetts 02209, U.S.A.

Direct Telephone Calls to

S. Matthew Cairns

(name and telephone number)

Telephone. (508) 229-7545

(508) 229-0254 Facsimile:

| Full name of sole or first inventor | |
|---|------|
| Denis MORRISSEY | |
| Sole or first inventor's signature | Date |
| Residence | |
| 36 Trainer Court, Huntington, New York 11743, U.S.A | |
| Citizenship | |
| U.S A. | |
| Post Office Address | |
| Same As Above | |

| Full name of second inventor | |
|---|-------|
| Jeffrey M. CALVERT | |
| Second inventor's signature | Date: |
| | |
| Residence | |
| 445 Main Street, Acton, Massachusetts 01720, U.S.A. | |
| Citizenship | |
| U.S.A. | |
| Post Office Address | |
| Same As Above | |

Page 4 of 4

| Full name of third inventor | سين پونيدواره دونون و دو خونست ساند په واوهنده کې د دون سيند واوهنده کې د دون دون دون دون دون دون دون دون دون |
|--|--|
| Robert D. MIKKOLA | |
| Third inventor's signature | Date. |
| | |
| Residence | The second secon |
| 4 Whitney Street, Grafton, Massachusetts 01536, U.S.A. | |
| Citizenship | |
| U.S.A. | |
| Post Office Address | |
| Same As Above | |